

# Quantitative image analysis

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 An abbreviated version of this protocol was published in eLIFE in Jul 2019

Two mechanisms regulate directional cell growth in *Arabidopsis* lateral roots

DOI: 10.7554/eLife.47988

## Detailed protocol

Dear Michael,

I am glad to hear you enjoyed our paper! We are using quantitative image analysis for various purposes in this paper (e.g. colocalisation analysis, quantification of root thickness, quantification of microtubule orientation, quantification of RAB-A5c intensity at different cell edges). Could you be a bit more specific regarding the aspect you are interested in so I can provide a relevant protocol?

Best wishes

Charlotte

**How to cite:** (Readers should cite both the Bio-protocol preprint and the original research article where this protocol was used)

1. Kirchhelle, C. (2020). Quantitative image analysis. Bio-protocol Preprint. [bio-protocol.org/188](https://bio-protocol.org/188).
2. Kirchhelle, C., Garcia-Gonzalez, D., Irani, N. G., Jérusalem, A. and Moore, I. (2019). Two mechanisms regulate directional cell growth in *Arabidopsis* lateral roots. eLIFE. DOI: [10.7554/eLife.47988](https://doi.org/10.7554/eLife.47988)

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